

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 – 7 (Cancelled).

8. (New) A data transmission cable adapted for use in a system for determining a connection pattern of data ports, said data transmission cable comprising:
- a jack at each end of said cable, each of said jacks adapted to mate with a corresponding socket of a data port;
- an adapter jacket at each end of said cable, each of said adapter jackets comprising an electrical contact external to said data transmission cable and adapted to make electrical contact with a corresponding socket contact when said jacks are mated with said sockets, and
- a conductor extending between, and electrically connected to, each of said electrical contacts.
9. (New) The data transmission cable according to claim 8, wherein said adapter jackets are constructed so as to be retrofit over an existing data transmission cable.
10. (New) The data transmission cable according to claim 8, wherein said conductor is a copper wire.
11. (New) The data transmission cable according to claim 10, wherein said conductor is external to said data transmission cable.
12. (New) The data transmission cable according to claim 8, wherein said data transmission cable is a multiconductor cable.

13. (New) The data transmission cable according to claim 8, wherein each of said jacks are selected from the group of jacks consisting of RJ45 jacks, RJ11 jacks, RJ12 jacks, RJ14 jacks, RJ25 jacks, RJ48 jacks, BNC jacks, SC jacks and ST jacks.

14. (New) An adapter jacket for use with a data transmission cable, said adapter jacket adapted to be positioned proximate an end of said data transmission cable, said adapter jacket comprising an electrical contact and a conductor electrically connected to said contact.

15. (New) The adapter jacket according to claim 14, wherein said electrical contact is positioned so as to electrically contact a corresponding socket contact when said data transmission cable is mated with a corresponding socket of a data port.

16. (New) The adapter jacket according to claim 14, wherein said data transmission cable is a multiconductor cable having a plurality of conductors therein and wherein said conductor connected to said contact is independent of said plurality of conductors within said multiconductor cable.